

FIGURE 1

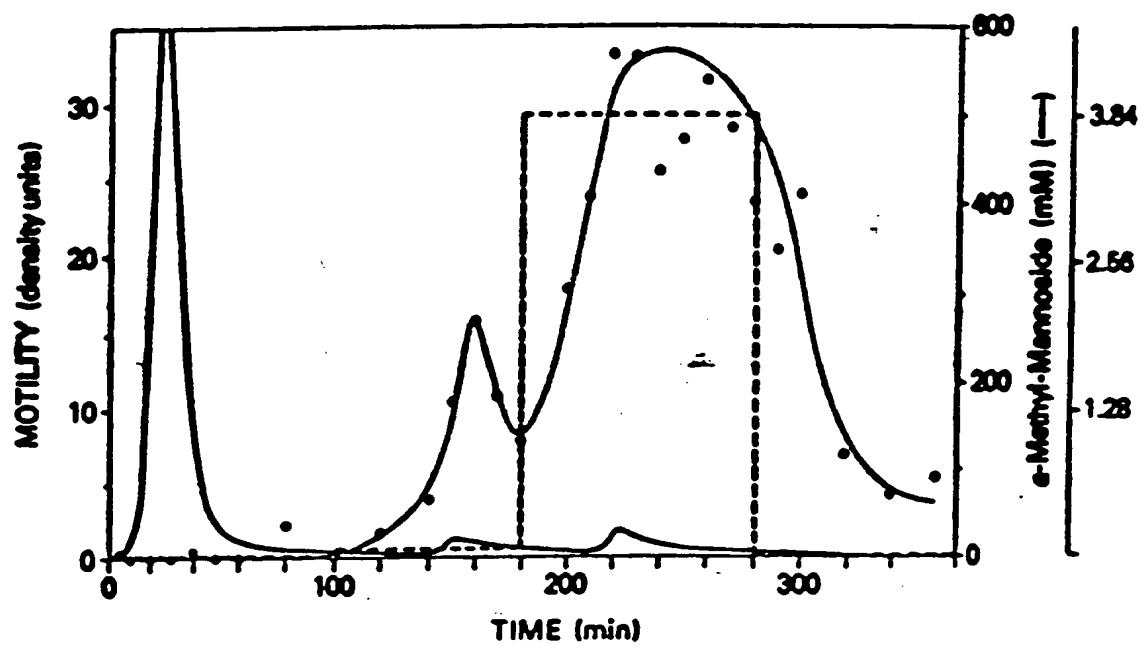


FIGURE 2

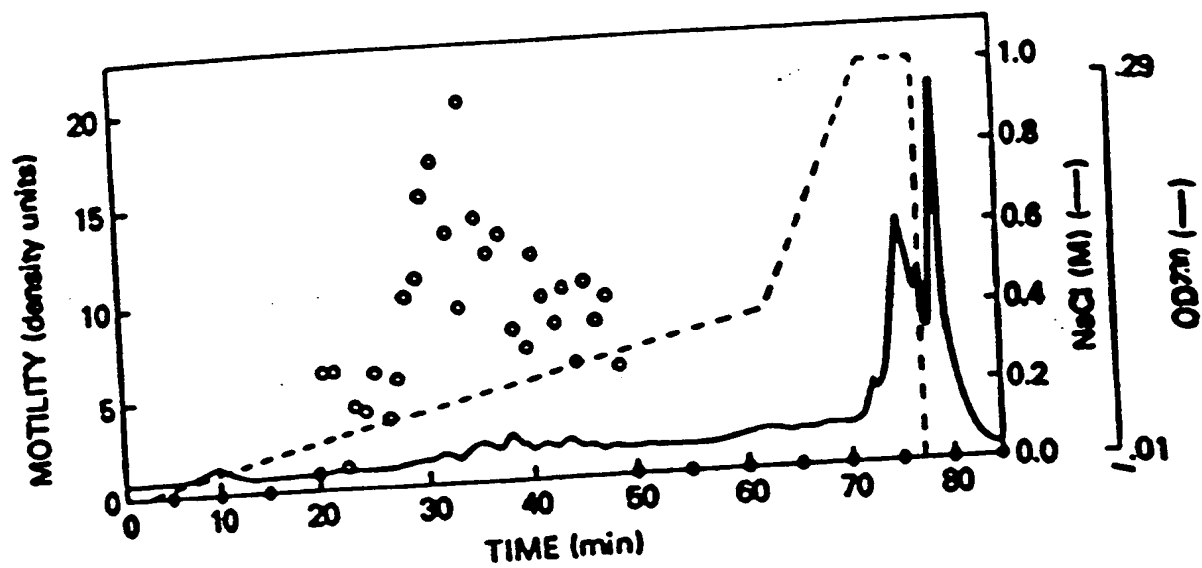


FIGURE 3

EI004875217US

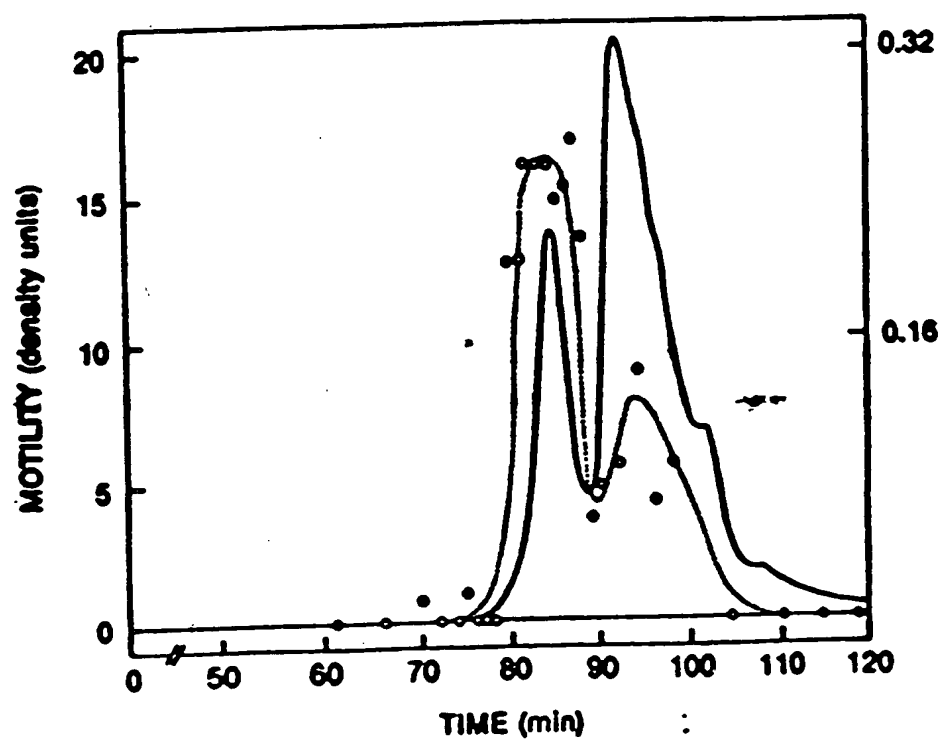


FIGURE 4

EI004875217US

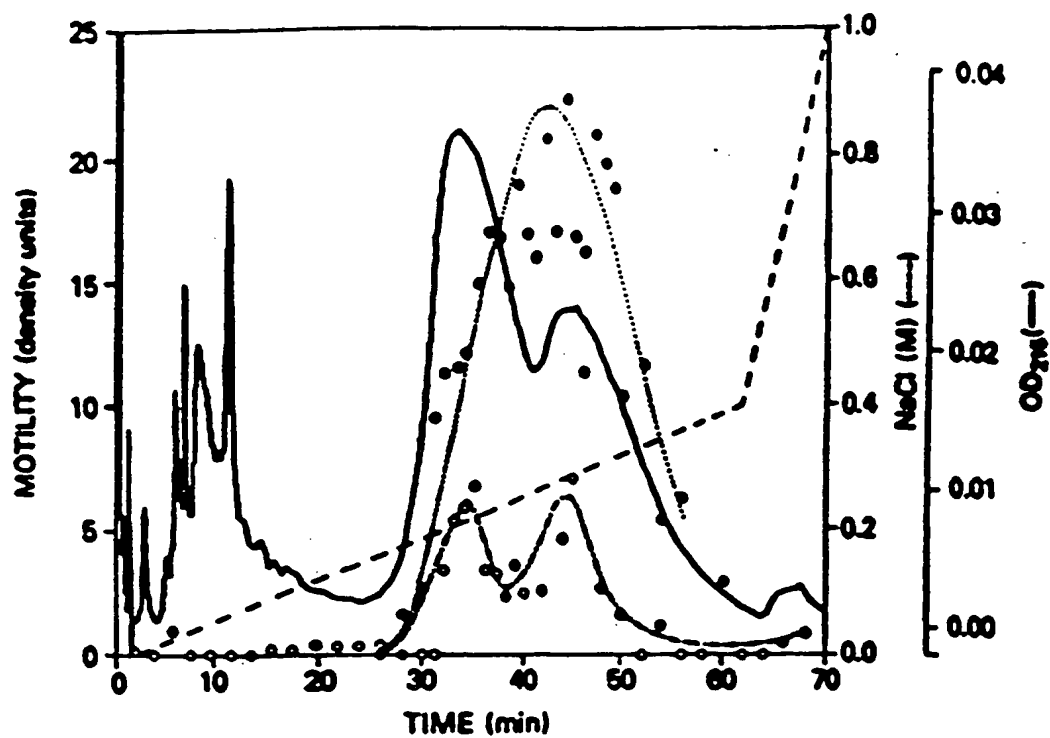


FIGURE 5

EI004875217US

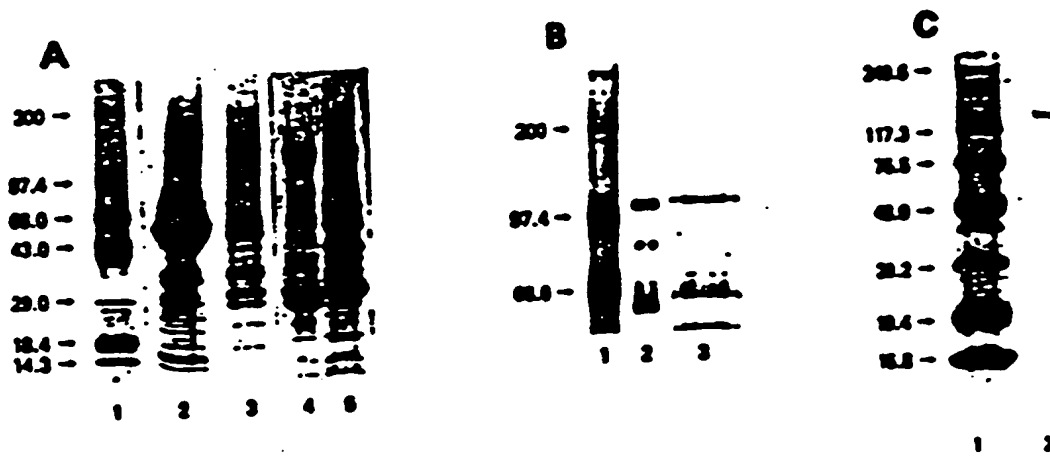


FIGURE 6

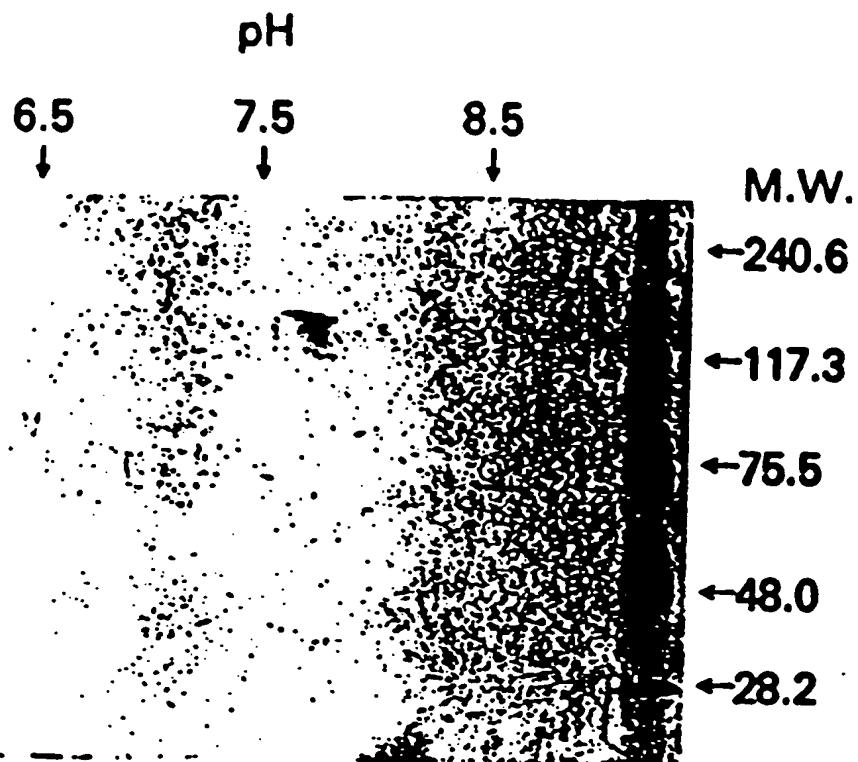


FIGURE 7

EI004875217US

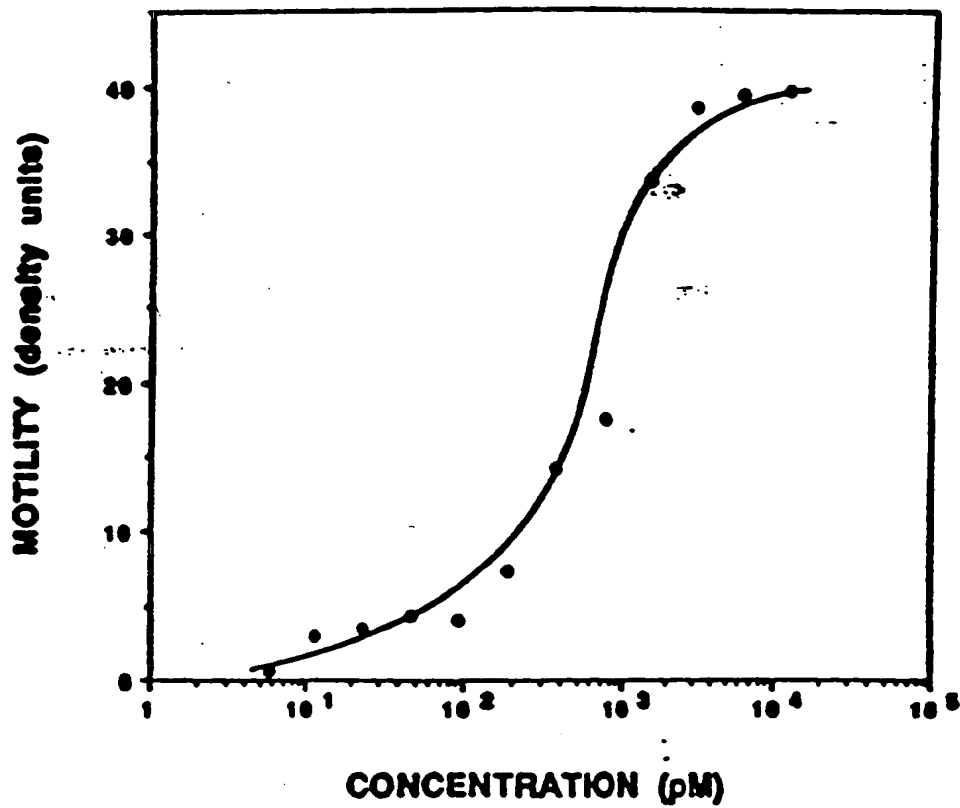


FIGURE 8

EI004875217US

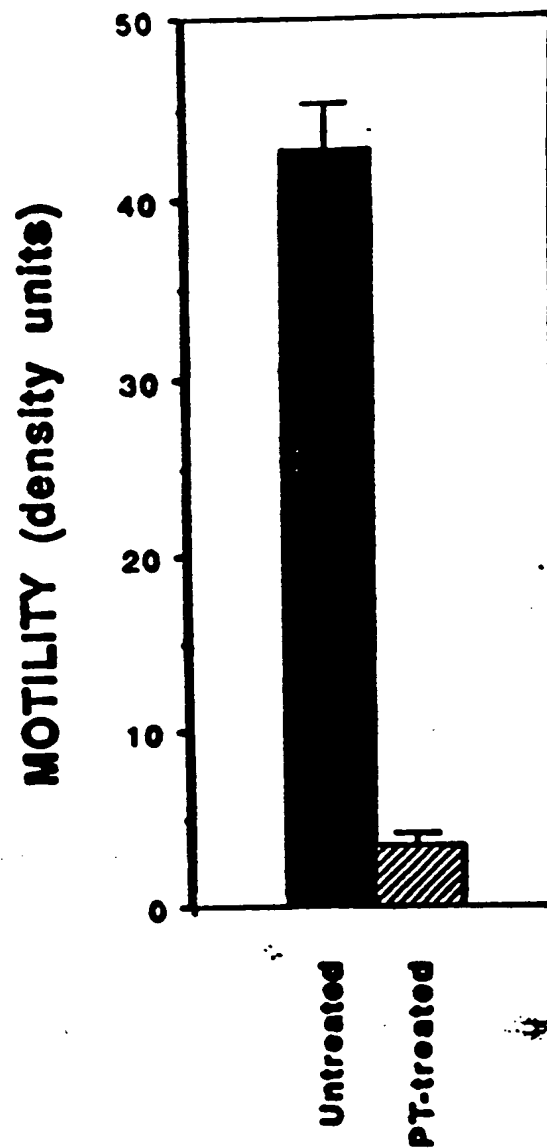
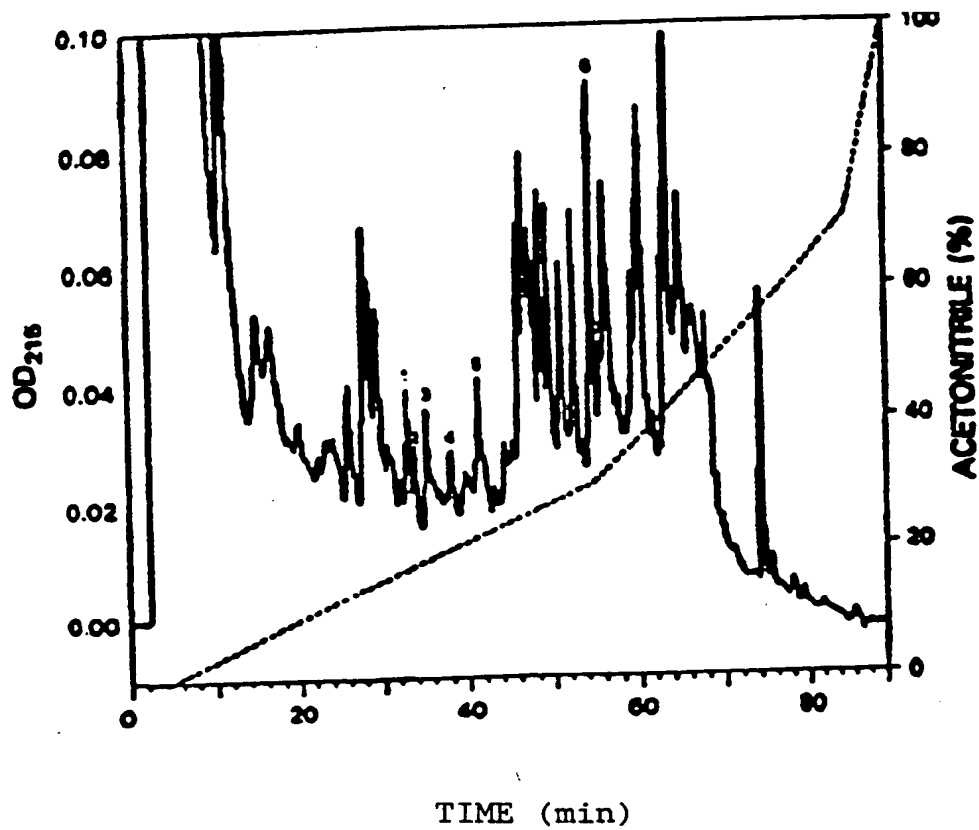


FIGURE 9

FIG. 10

		Upper Wells		
Lower Wells		●	0.01%	0.1%
	●	$4.8 \pm 0.3$	$13.7 \pm 0.8$	$33.8 \pm 1.6$
	0.01%	$48.4 \pm 4.0$	$39.3 \pm 2.0$	$36.0 \pm 1.4$
	0.1%	$75.6 \pm 1.0$	$68.3 \pm 3.1$	$41.0 \pm 3.4$

FIG. 11



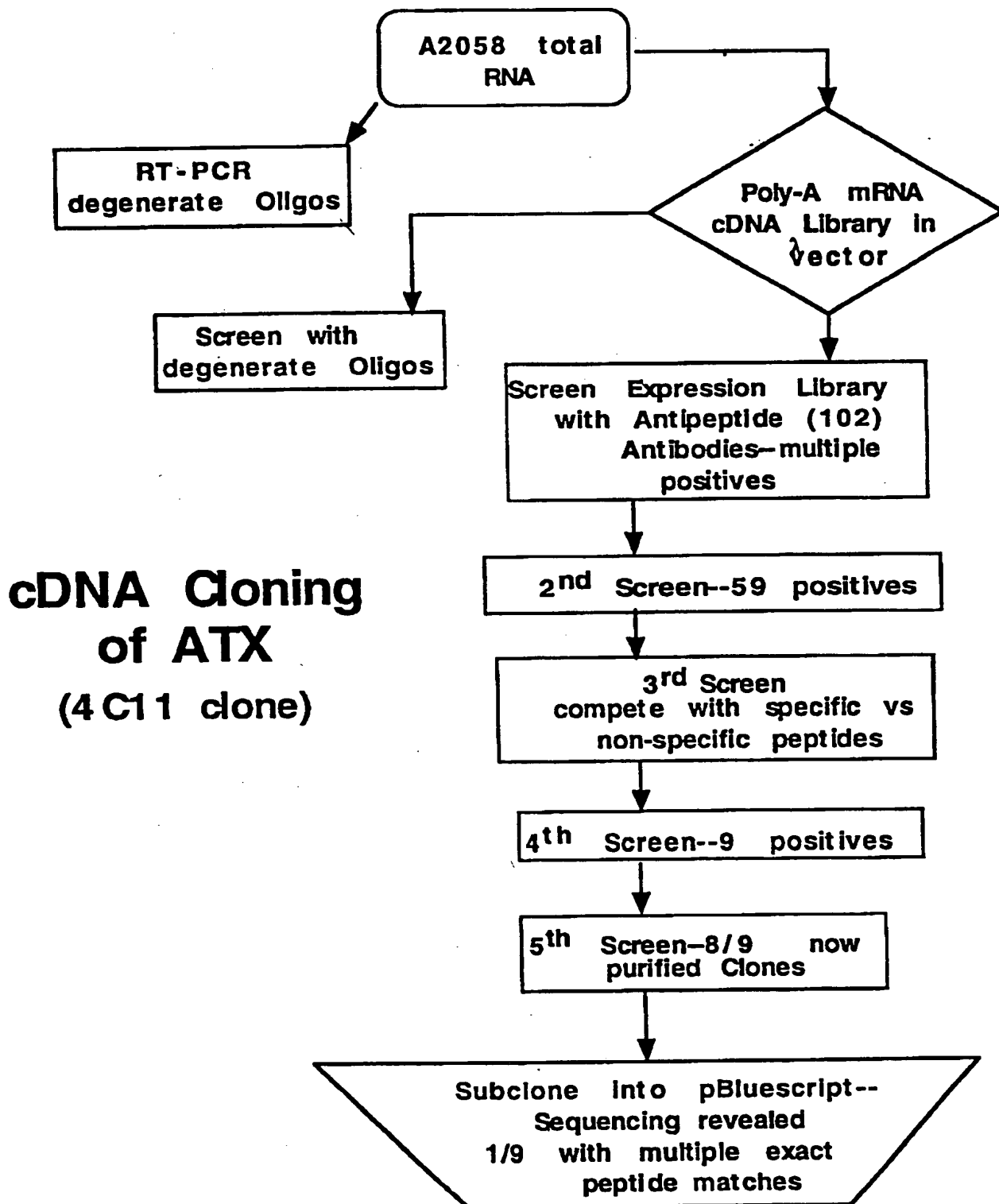


FIGURE 12

# AUTOTAXIN GENE

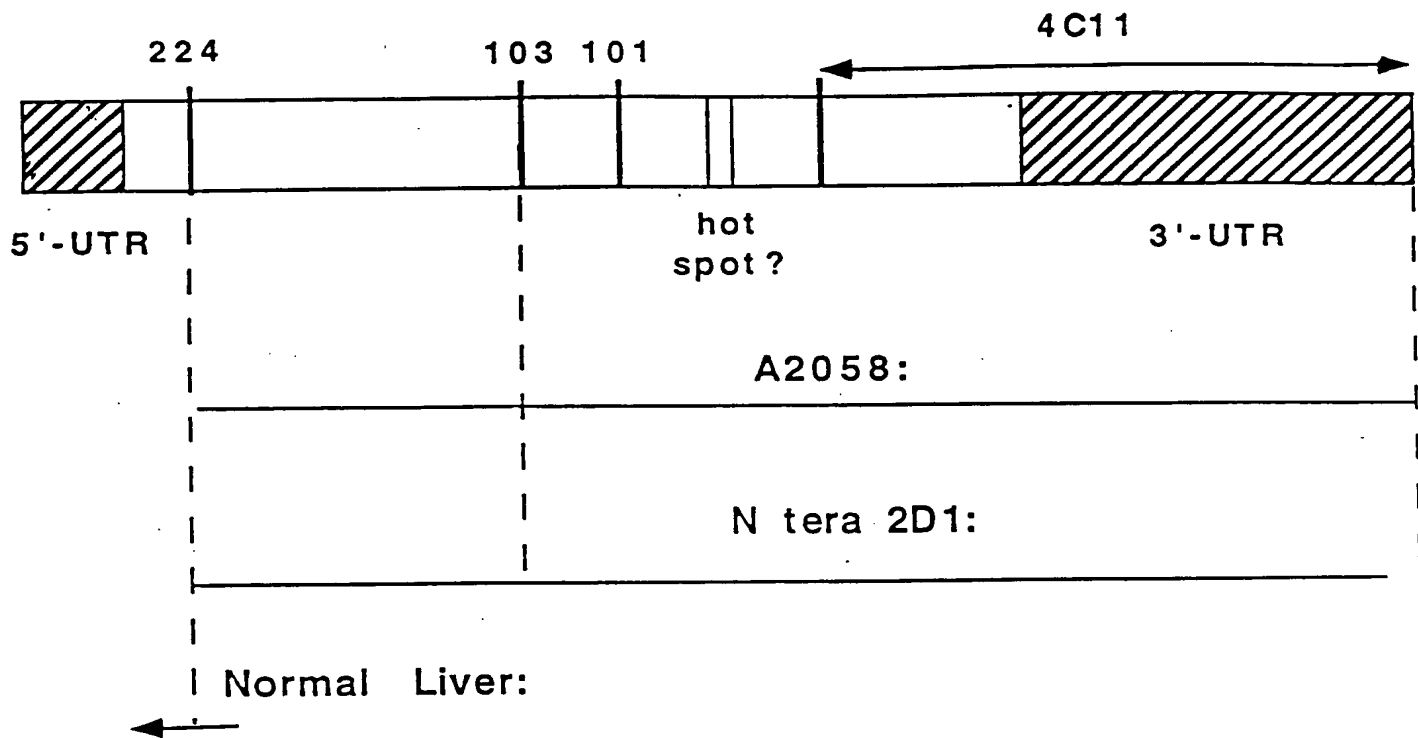


FIGURE 13

# **Match-up of ATX peptides with putative A2058 protein sequence**

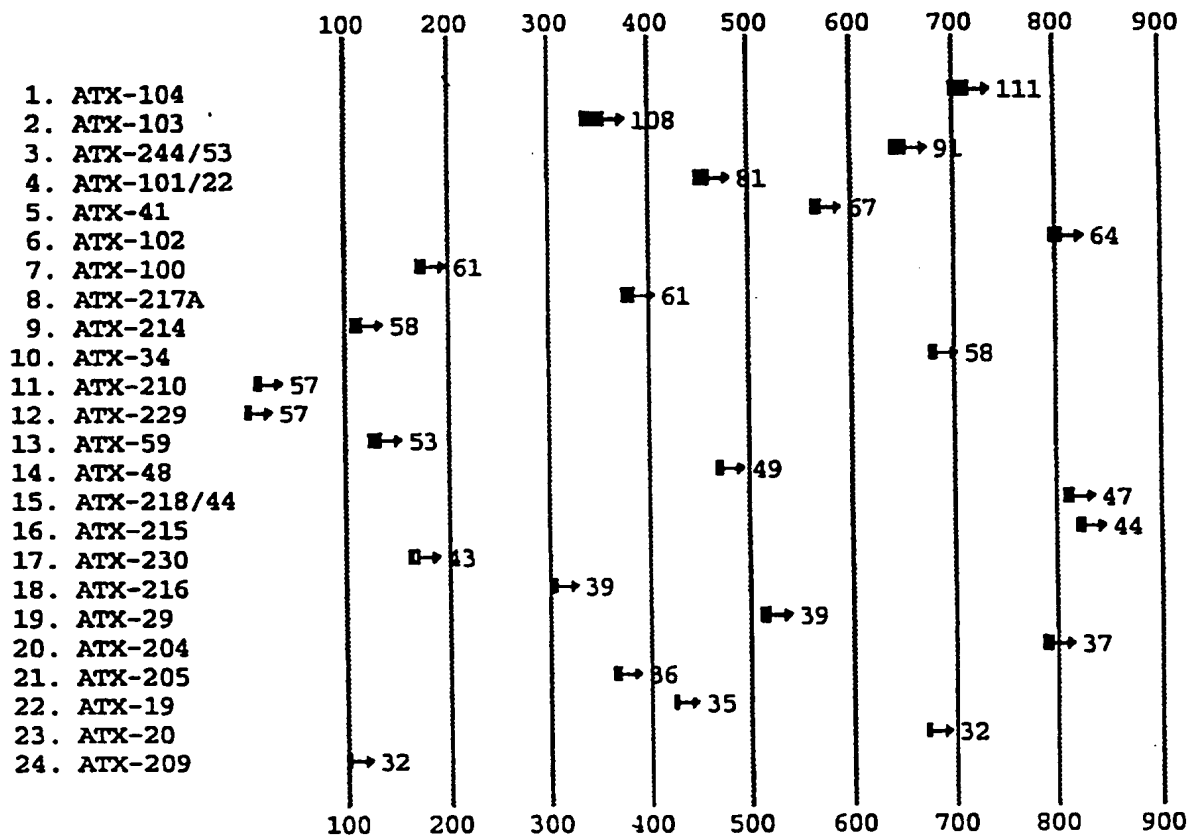


FIGURE 14

**Match-up of ATX peptides with putative N-tera 2D1 protein sequence**

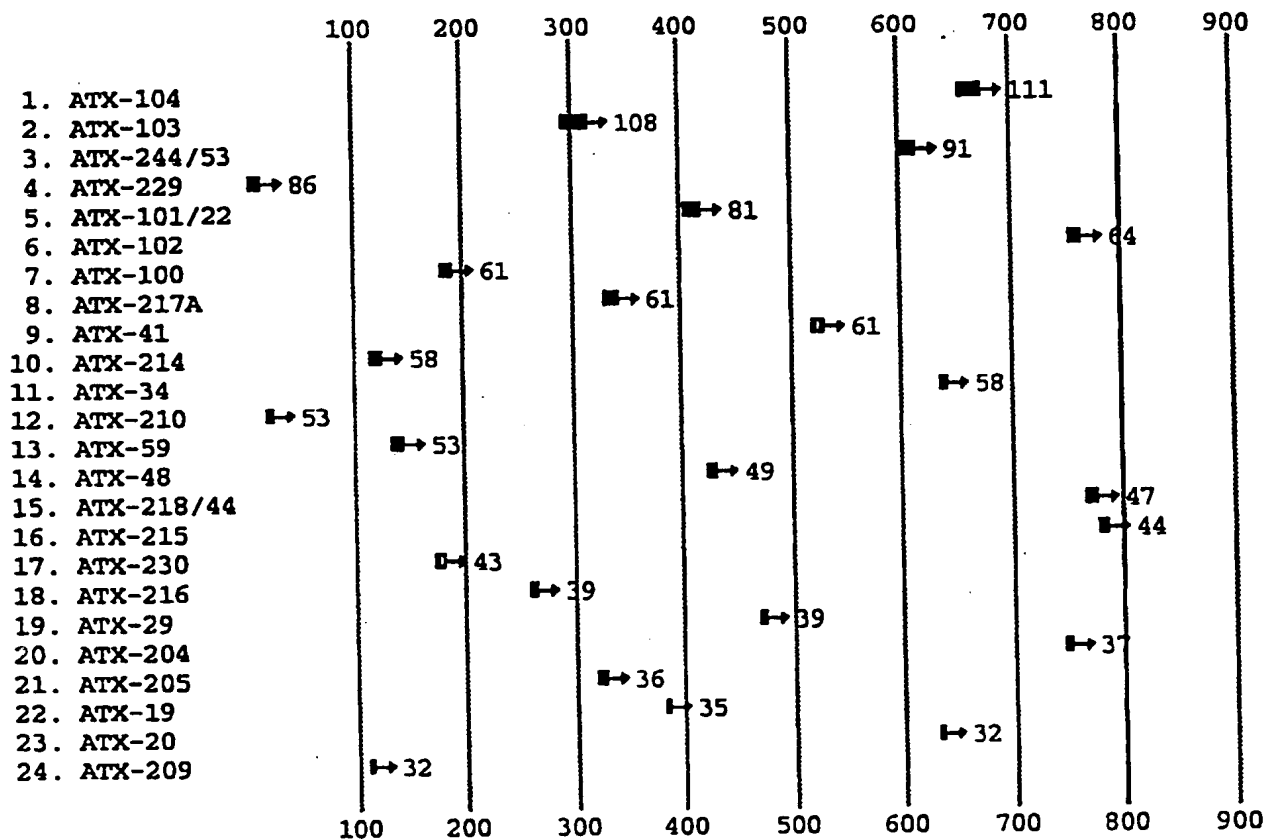


FIGURE 15

FIG. 16

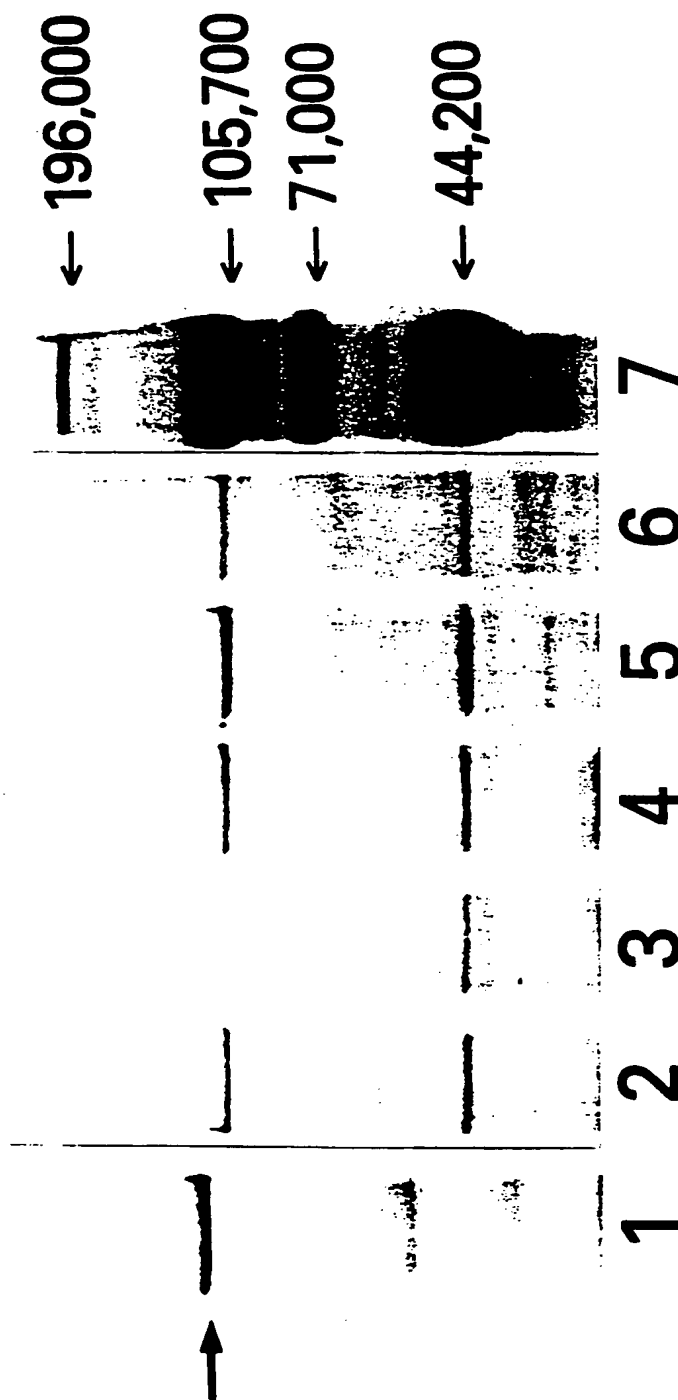


FIG. 17

A



B

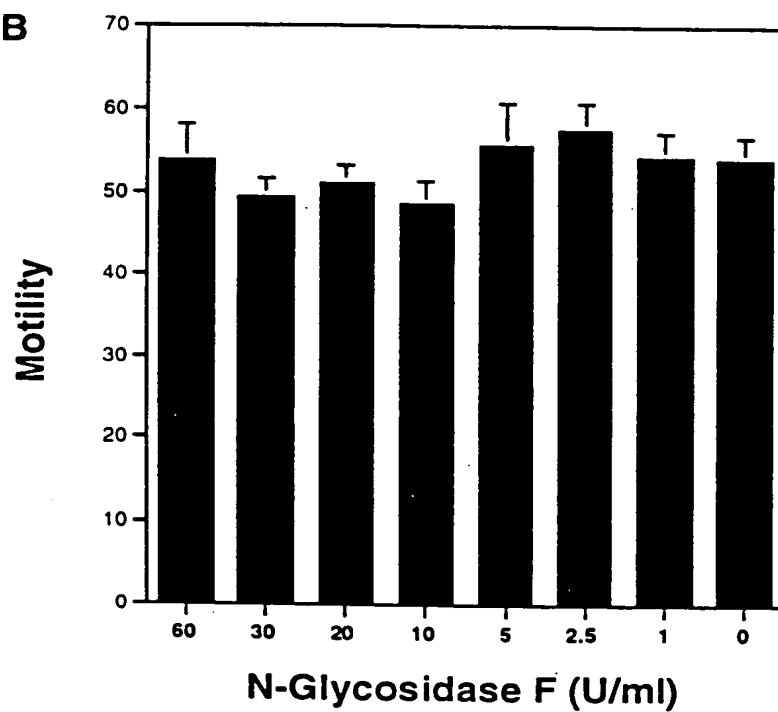


FIG. 18

hATX MARRSSFQSCQIISLFTFAVGVSICLGFTAIHRIKRAEGWEGPPTVLSDSPWNTISGCKGRCFELQAGPPDCRDLCKSYTSCCHDF 90  
 hPC1 MDVGEEPLEKAARATAKDPNTYKVL~~SLVLSVCVLTTIL~~.....GCIFG....LKPSCAKEVK.SCKGRCF...ERTFGNCRCDAAACVELGHCCIADY 84

hATX DELCLKTARGWECTKDRCGEVNRNEENACHCEDCLARGDCCTNYQVCKGESHWVDDCEEIKAAECPAGFVRPPLIIPSVDFRASymKKGSKVNPHE 190  
 hPC1 QETC TEPEHIWTCNKRPRGCKRI~~TRSLCACSDCKDKGDCCTINYSVCGQEKSWVEEPCE~~INEPQCPAGCFETPTTILFSLDGFRAEYIITWGGGILLPVIS 184

hATX KLRSCGTHSPYMRPVYPTKTFPNLYTLATGLYPESHGIVGNMYPVDFDATEHLRGREKFNHRMGGQPLWITATKQGVKAGTFEWS..... 272  
 hPC1 KLKRCGTYTKNHRPVYPTKTFPNHYSIVTGLYPESHGIIIDKNMYPKMNASFSLKSKEKFNPEWYKGEPIWVTAKYQGLKSGTFEWPAGSDVEINGIFPDI 284

hATX .....WIPHIERRILTLRNLTLPOHERPSVAFYSEQPIAFSGHIKYPFGPESSYSGSPETPAKRDKRKVAPKRIQERPVAPPKRRRRKIIHRNDIYAAET 372  
 hPC1 YKNYNGSVPFEEILAVLQWLQPKDERPHFYTLYLEEPDSSGHSGYGPVSSE..... 336

hATX RQDKWNTPLREIDKIVGQMDGLKQLKLRRCNVNIFVGHGIMEDVTCDRTEFLSNVLTNVDDITLVPGLGRIR.SKFSNN.AKYDPKAIIANLTCKKPD 470  
 hPC1 ....VIKALQRVDMVGMMLDGLKELNLIIRCLNLILSDIGMEQGSCKKIYLNKYLGDVKNIKVIYGAARLRPSDVPDKYYSFNYEGIAKNLSCREPI 432

hATX QHFKPYLKQHLPKRLHYANNRIEDIIHLVERRWIIIVARKPLDVYKKPSGCKFFQGDHGFDRKNVSMQTVFVGYPFKYKTKVPPFHEIELYINVHCDIAG 570  
 hPC1 QHFKPYLKHLPKRLHFAKSDRIEPLTFYLDPOQWLALNPSE..RKYCGSGF....HGSNDVFSNMQALFVGYPGFKHGIADTFENIEVYNLMCDLLH 526

hATX LKPAPNNGTHGSLNHLRTNTFRPTMPEEVRPNYPGIMYLSQDFDLGCTCDDKVEPKNKLD.ELNKLRLHTKGSTEEERHLLYGRPAVLRYTR.YDILYHT 668  
 hPC1 LTPAPNNGTHGSLNHLKKNPVYTPKHPKEV.HPLVQCPFTRNPRDNLGCSNPSILPIEDFOTQFNLTVAEEKIIKHETLPYGRPRVLQKENTICLLSQH 625

hATX DFESGYSEIFMLLWTSYTVSKQAEVSSVPDHLTSCVRPDRVSPFSQNCLAYKNDKQMSYGFLLFPPYLSSSPEAKY.DAFLVTNMVPMYPAPKRWNY 767  
 hPC1 QFMGSYQDILMPLWTSYTVDRNDSFS..TEDFSNCLYQDFRIPLSPVHKCSFYKNNTKVSYGFLSPQLNKNSSGIYSEALLTNIIVPMYQSFQVIWRY 723

hATX FORVLVKKYASERNGVNVISGPIFDYDGLHDTEDKIKQ...YVEGSSIPVPHYYSIITSCLDFTQPADKCDGPLSVSSFTLPHRPNDEESCNSEDE 875  
 hPC1 FHDTLLRKYAEERNGVNVSGPVDFDYDGRCDSENLRQKRRVIRNQEILIPTHFFIVLTSCKDTSQTPLHCEN.LDTLAFILPHRTDNSESCVHGKHD 822

hATX SKWVEELMKMHTARVRDIEHLTSLDFFRKTSRSPYEILTLKTYLHYESEI 915  
 hPC1 SSWVEELMLHRARITDVEHITGLSPYQQRKEPVSDILKLKTHLPTFSQED 873

FIG. 19

